

SEARCH REQUEST FORM

58344

Requestor's

Name:

Natalia Davis

Serial

Number:

09/674436

Date:

1-14-02

Phone:

308-6410

Art Unit:

1642

Mailbox 8512

MSG

Search Topic:

Please write a detailed statement of search topic. Describe specifically as possible the subject matter to be searched. Define any terms that may have a special meaning. Give examples or relevant citations, authors keywords, etc., if known. For sequences, please attach a copy of the sequence. You may include a copy of the broadest and/or most relevant claim(s).

Please search SEQ ID NO: 1 and for
the gene "Any-RF" which may be derived
from *Antheraea yamamai* OR a
dormancy-control substance, which
prevents insects from going into
dormancy in the fall.

SEQ ID NO: = Asp-Ile-Leu-Arg-Gly

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STAFF USE ONLY

Date completed: 1/23

Searcher:

D. S. L. 308-4292

Search Site

STIC

Vendors

IG Suite

Terminal time:

21

CM-1

12014

STN 5245

Elapsed time:

11

Pre-S

Dialog

CPU time:

Type of Search

APS

Total time:

N.A. Sequence

Geninfo

Number of Searches:

2 A.A. Sequence

SDC

Number of Databases:

7

Structure

DARC/Questel

Bibliographic

Other

CompuLink

100

101

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=> fil hcaplus
FILE 'HCAPLUS' ENTERED AT 15:48:09 ON 23 JAN 2002
USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.
PLEASE SEE "HELP USAGETERMS" FOR DETAILS.
COPYRIGHT (C) 2002 AMERICAN CHEMICAL SOCIETY (ACS)

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FILE COVERS 1907 - 23 Jan 2002 VOL 136 ISS 4
FILE LAST UPDATED: 21 Jan 2002 (20020121/ED)

This file contains CAS Registry Numbers for easy and accurate substance identification.

This file supports REGISTRY for direct browsing and searching of all substance data from the REGISTRY file. Enter HELP FIRST for more information.

HCAplus now provides online access to patents and literature covered in CA from 1907 to the present. Bibliographic information and abstracts were added in 2001 for over 3.8 million records from 1907-1966.

CAS roles have been modified effective December 16, 2001. Please check your SDI profiles to see if they need to be revised. For information on CAS roles, enter HELP ROLES at an arrow prompt or use the CAS Roles thesaurus (XAL field) in this file.

= d que 17

L1 210 SEA FILE=REGISTRY DILRG/SQSP
L1 155 SEA FILE=HCAPLUS L1
L1 300 SEA FILE=HCAPLUS ANTHEREA OR ANTHERAEA
L4 111 SEA FILE=HCAPLUS YAMAMAI
L5 9212 SEA FILE=HCAPLUS DORMANT OR DORMANCY
L6 47404 SEA FILE=HCAPLUS LARVA?
L7 2 SEA FILE=HCAPLUS L2 AND (L3 OR L4 OR L5 OR L6)

= d bin abs 17 1-2

L ANSWER 1 OF 2 HCAPLUS COPYRIGHT 2002 ACS
AN 2 00:522576 HCAPLUS
DN 1:3:131471
TI Silkworm diapause regulatory gene Any-87 and method of isolation of its protein product
IN Kotaki, Toyomi; Tsukada, Masuhiro; Sasaki, Motchi; Yang, Ping
PA Norin Suisansho Sanshi Konchu Nogyo Gijutsu Kenkyusho, Japan
SO Jpn Tekkoku Koho, 12 pp.
CLEN: TEXIN
DT Patent
LA Japanese
FAN:NT 2
PATENT NO. KIND DATE APPLICATION NO. DATE

JP 2000-481154 A1 20001212 2000-1-11 2000-1-11

Search completed by David Schreiber Termid 002674,436

WO 2000073441 A1 20001207 WO 2000-JP3388 20000526
W: CA, US
RW: DE, FR, GB
EP 1101819 A1 20010512 EP 2000-331578 20000526
E: DE, FR, GB, SI, LT, LV, RO
PRAI JP 1999-152273 A 19990501
JP 2000-81012 A 20000302
WO 2000-JP3388 W 20000516

AB Silkworm Any-BF gene involved in diapause regulation, and method of isolation of its protein product, are disclosed. A protein isolated from silkworm *Antheraea yamamai* using RP-HPLC and ion exchange HPLC and its C-terminally amidated peptide fragment demonstrated diapause regulatory activity.

L7 ANCHER 2 OF 2 NCAPLUS COPYRIGHT 2002 ACS

AN 19991115 NCAPLUS

LN 19991115

T1 A juvenile juvenile hormone (JH) binding protein from *larvae* of *Manduca sexta*: a putative receptor for the metamorphic action of juvenile hormone

AU Palli, Subba R.; Touhara, Kazushige; Charles, Jean-Philippe; Bonning, Bryony C.; Atkinson, Jeffrey R.; Trowell, Stephen C.; Hiruma, Kiyoshi; Goodman, Walter G.; Kyriakides, Themis; et al.

CS Dep. Zoology, Univ. Washington, Seattle, WA, 98195, USA

SO Proc. Natl. Acad. Sci. U. S. A. (1994), 91(13), 6191-5

COHEN: PNASA6; ISSN: 0027-8149

DT Journal

LA English

AB A 1.1-kb nuclear juvenile hormone (JH)-binding protein from the epidermis of *Manduca sexta* *larvae* was purified by using the photoaffinity analog for JH II ([3H]epoxyhomofarnesyl diazoacetate) and partially sequenced. A 1.1-kb cDNA was isolated by using degenerate oligonucleotide primers for PCR based on these sequences. The cDNA encoded a 262-amino acid protein that showed no similarity with other known proteins, except for short stretches of the interphotoreceptor retinoid-binding protein, rhodopsin, and human nuclear protein p68. Recombinant baculovirus contg. this cDNA made a 29-kDa protein that was covalently modified by [3H]epoxyhomofarnesyl diazoacetate and specifically bound the natural enantiomer of JH I ($K_d = 10.7$ nM). This binding was inhibited by the natural JHs but not by methoprene. Immunocytochem. anal. showed localization of this 29-kDa protein to epidermal nuclei. Both mRNA and protein are present during the intermolt periods; during the *larval* molt, the mRNA disappears but the protein persists. Later when cells become pupally committed, both the mRNA and protein disappear with a transient reappearance near pupal ecdysis. The properties of this protein are consistent with its being the receptor necessary for the ant metamorphic effect of JH.

=> file .nm

FILE 'HOME' ENTERED AT 15:48:59 ON 23 JAN 2002

09/674436

L1 FILE 'REGISTRY' ENTERED AT 10:59:43 ON 23 JAN 2002
210 S DILRG/SQSP

L2 FILE 'CAPLUS' ENTERED AT 11:00:05 ON 23 JAN 2002
155 S L1

L4 3 S L2 AND RF
L5 2 S L2 AND DIAPAUSE
L6 4 S L4 OR L5

L6 ANSWER 1 OF 4 CAPLUS COPYRIGHT 2002 ACS

ACCESSION NUMBER: 2001:364016 CAPLUS

DOCUMENT NUMBER: 135:1093

TITLE: The malaria genome sequencing project: Complete sequence of Plasmodium falciparum chromosome 2

AUTHOR(S): Gardner, M. J.; Tettelin, H.; Carucci, D. J.; Cummings, L. M.; Smith, H. O.; Fraser, C. M.; Venter, J. C.; Hoffman, S. L.

CORPORATE SOURCE: The Institute for Genomic Research, Rockville, MD, 20850, USA

SOURCE: Parassitologia (Roma, Italy) (1999), 41(1-3), 69-75

CODEN: PSSGAR; ISSN: 0048-2951

PUBLISHER: Lambardo Editore

DOCUMENT TYPE: Journal

LANGUAGE: English

AB An international consortium has been formed to sequence the entire genome of the human malaria parasite Plasmodium falciparum. Chromosome 2 of clone 3D7 was sequenced using a shotgun sequencing strategy. Chromosome 2 is 947 kb in length, has a base compn. of 80.2% A+T, and contains 210 predicted genes. In comparison to the Saccharomyces cerevisiae genome, chromosome 2 has a lower gene d., a greater proportion of genes contg. introns, and nearly twice as many proteins contg. predicted non-globular domains. A group of putative surface proteins was identified, rifins, which are encoded by a gene family comprising up to 7% of the protein-encoding genes in the genome. The rifins exhibit considerable sequence diversity and may play an important role in antigenic variation. Sixteen genes encoded on chromosome 2 showed signs of a plastid or mitochondrial origin, including several genes involved in fatty acid biosynthesis. Completion of the chromosome 2 sequence demonstrated that the A+T-rich genome of P. falciparum can be sequenced by the shotgun approach. Within 2-3 yr, the sequence of almost all P. falciparum genes will have been detd., paving the way for genetic, biochem. and immunol. research aimed at developing new drugs and vaccines against malaria.

IT 257896-56-3

RL: BSU (Biological study, unclassified); PRP (Properties); BIOL (Biological study)

(amino acid sequence; complete sequence of Plasmodium falciparum chromosome 2)

REFERENCE COUNT: 43 THERE ARE 43 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L6 ANSWER 2 OF 4 CAPLUS COPYRIGHT 2002 ACS

ACCESSION NUMBER: 2000:772766 CAPLUS

DOCUMENT NUMBER: 133:330556



09/674436

TITLE: Genome sequence and polypeptides of *Pyrococcus abyssi* and their uses
INVENTOR(S): Forterre, Patrick; Thierry, Jean-Claude; Prieur, Daniel; Dietrich, Jacques; Lecompte, Odile; Querellou, Joel; Weissenbach, Jean; Saurin, William; Heilig, Roland; Flament, Didier; Raffin, Jean-Paul; Henneke, Ghislaine; Gueguen, Yannick; Rolland, Jean-Luc
PATENT ASSIGNEE(S): Centre National de la Recherche Scientifique (CNRS), Fr.; Institut Francais de Recherche pour l'Exploitation de la Mer - IFREMER
SOURCE: PCT Int. Appl., 1403 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: French
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2000065062	A2	20001102	WO 2000-FR1065	20000421
W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM			
RW:	GH, GM, KE, LS, MW, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG			
FR 2792651	A1	20001027	FR 1999-5034	19990421

PRIORITY APPLN. INFO.: FR 1999-5034 A 19990421

AB The invention relates to the genome sequence of *Pyrococcus abyssi* strain Orsay, the 807 open reading frame nucleotide sequences coding for polypeptides of *P. abyssi* such as polypeptides involved in metab. or in the replication process, in addn. to vectors including said sequences and cells transformed by said vectors. Replication factor C (large and small forms resulting from intein splicing), PCNA (proliferating cell nuclear antigen), DNA polymerase II large and small subunits, replication factor A, and DNA polymerase I were isolated and characterized by recombinant cloning in *Escherichia coli*. The invention also relates to methods using said nucleic acids or polypeptides, esp. biosynthesis methods or biodegrdn. methods for mols. of interest and to kits comprising said polypeptides.

IT 302870-69-5

RL: BOC (Biological occurrence); BUU (Biological use, unclassified); PRP (Properties); BIOL (Biological study); OCCU (Occurrence); USES (Uses)

(amino acid sequence; genome sequence and polypeptides of *Pyrococcus abyssi* and their uses)

L6 ANSWER 3 OF 4 CAPLUS COPYRIGHT 2002 ACS

ACCESSION NUMBER: 2000:522576 CAPLUS

DOCUMENT NUMBER: 133:131471

TITLE: Silkworm **diapause** regulatory gene Any-
RF and method of isolation of its
protein product

Searcher : Shears 308-4994



09/674436

INVENTOR(S): Kotaki, Toyomi; Tsukada, Masuhiro; Suzuki,
Koichi; Yang, Ping
PATENT ASSIGNEE(S): Norin Suisansho Sanshi Konchu Nogyo Gijutsu
Kenkyusho, Japan
SOURCE: Jpn. Tokkyo Koho, 12 pp.
CODEN: JTXFFF
DOCUMENT TYPE: Patent
LANGUAGE: Japanese
FAMILY ACC. NUM. COUNT: 2
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 3023790	B1	20000321	JP 1999-152273	19990531
JP 2000342254	A2	20001212		
WO 2000073441	A1	20001207	WO 2000-JP3388	20000526
W: CA, US				
RW: DE, FR, GB				
EP 1101819	A1	20010523	EP 2000-931578	20000526
R: DE, FR, GB, SI, LT, LV, RO				
PRIORITY APPLN. INFO.:			JP 1999-152273	A 19990531
			JP 2000-81012	A 20000322
			WO 2000-JP3388	W 20000526

AB Silkworm Any-**RF** gene involved in **diapause** regulation, and method of isolation of its protein product, are disclosed. A protein isolated from silkworm *Antheraea yamamai* using RP-HPLC and ion exchange HPLC and its C-terminally amidated peptide fragment demonstrated **diapause** regulatory activity.

IT **286408-63-7**
RL: BOC (Biological occurrence); BPR (Biological process); PRP (Properties); BIOL (Biological study); OCCU (Occurrence); PROC (Process)
(amino acid sequence; silkworm **diapause** regulatory gene Any-**RF** and method of isolation of protein product)

L6 ANSWER 4 OF 4 CAPLUS COPYRIGHT 2002 ACS

ACCESSION NUMBER: 1998:505667 CAPLUS

DOCUMENT NUMBER: 129:229492

TITLE: Cloning of leukemia inhibitory factor (LIF) and its expression in the uterus during embryonic **diapause** and implantation in the mink (*Mustela vison*)

AUTHOR(S): Song, Jian H.; Houde, Alain; Murphy, Bruce D.
CORPORATE SOURCE: Cent. Recherche Reproduction Animale, Fac. Med. Veterinaire, Univ. Montreal, St-Hyacinthe, PQ, J2S 7C6, Can.

SOURCE: Mol. Reprod. Dev. (1998), 51(1), 13-21
CODEN: MREDEE; ISSN: 1040-452X

PUBLISHER: Wiley-Liss, Inc.

DOCUMENT TYPE: Journal

LANGUAGE: English

AB Leukemia inhibitory factor (LIF) is essential for embryo implantation in mice. Whether LIF plays a role in termination of embryonic **diapause** and initiation of implantation in carnivores, esp. in species with obligate delayed implantation such as the mink, is not known. The objectives of this study were to clone the LIF coding sequence in the mink and det. its mRNA abundance in the uterus through embryonic **diapause**,



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implantation, and early postimplantation. The authors show that the mink LIF cDNA contains 609 nt encoding a deduced protein of 203 amino acids. The homologies are 80.6, 90, 88.2, 87.6, and 86.8% in coding sequence and 79.2, 90.1, 91, 90.1 and 85.4% in amino acid sequence with mouse, human, pig, cow, and sheep resp. Glycosylation sites and disulfide bonds present in other species are generally conserved in the mink LIF sequence. Quantitation by polymerase chain reaction amplification indicates that LIF mRNA is expressed in mink uterus just prior to implantation and during the first two days after implantation, but not during **diapause** or later after implantation pregnancy. The abundance of LIF mRNA was significantly higher in the uterus at the embryo expansion stage than at days 1-2 of postimplantation. By immunohistochem. localization it was shown that LIF is expressed in the uterine epithelial glands at time of embryonic expansion and in early postimplantation. The coincidence of LIF expression with implantation in this species suggests that LIF is involved in the implantation process, and may be a maternal signal which terminates obligate embryonic **diapause**.

IT 212846-19-0

RL: PRP (Properties)

(amino acid sequence; cloning of leukemia inhibitory factor (LIF) and expression in uterus during embryonic **diapause** and implantation in mink (Mustela vison))

E1 THROUGH E4 ASSIGNED

~~FILE~~ 'REGISTRY' ENTERED AT 11:03:47 ON 23 JAN 2002

L7 4 SEA FILE=REGISTRY ABB=ON PLU=ON (212846-19-0/BI OR 257896-56-3/BI OR 286408-63-7/BI OR 302870-69-5/BI)

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L8 4 L7 AND L1

L8 ANSWER 1 OF 4 REGISTRY COPYRIGHT 2002 ACS

RN 302870-69-5 REGISTRY

CN Protein ORF 756 (Pyrococcus abyssi strain Orsay) (9CI) (CA INDEX NAME)

OTHER NAMES:

CN 457: PN: W00065062 SEQID: 756 claimed protein

CI MAN

SQL 310

SEQ 1 MVVSMREGEI ISLFMKHFER HSLGDDAGFI KLNNSWLLVT SDMLVWKTDV
51 PDFMTPEDAG RKVVTMNVSD IAAMGGRPMA FFFSLAVPGD VSEDILRGIA

=====

101 RGINEGSKVY KLKIVSGDTN EADDIIIDGG SLGIGKRLLL RSNAPGDLV
151 CVTGDLGRPL TALLLWMRGE KIPREIEEKA RNPRARVEEG VKLSSLANSA
201 IDISDGLSKE LWEIANASNV RIIIEERLP ISDSVKEIVS DPVKVALASG
251 EEFEELLFTIP REKVEELDID FKIIIGRVEGG NGVYIKRGRK IEELEVLGWE
301 HLAGGIDVEL

HITS AT: 94-98

REFERENCE 1: 133:330556

L8 ANSWER 2 OF 4 REGISTRY COPYRIGHT 2002 ACS

RN 286408-63-7 REGISTRY

CN Glycine, L-.alpha.-aspartyl-L-isoleucyl-L-leucyl-L-arginyl- (9CI)
(CA INDEX NAME)



09/674436

OTHER NAMES:

CN 1: PN: JP3023790 PAGE: 9 claimed sequence
CN Protein gene Any-RF (Antheraea yamamai fragment)
SQL 5

SEQ 1 DILRG

=====

HITS AT: 1-5

REFERENCE 1: 133:131471

L8 ANSWER 3 OF 4 REGISTRY COPYRIGHT 2002 ACS

RN 257896-56-3 REGISTRY

CN Phosphatase (acid phosphatase family) (Plasmodium falciparum gene
PFB0380c) (9CI) (CA INDEX NAME)

OTHER NAMES:

CN 5: PN: WO0025728 SEQID: 75 claimed protein

CN GenBank AE001391-derived protein GI 3845169

CN Phosphatase, acid (Plasmodium falciparum clone 3D7 gene PFB0380c)

CN Protein (Plasmodium falciparum clone p3D7 chromosome 2 gene PFB0380)

CI MAN

SQL 2010

SEQ 1 MLIKQEPKEV EKKEEKEKKG AKDKGKDLFS LNKKRERKKK ESQKIDRYLI
51 NSCDSNKSNY SCCYLNNECF VKNISICKKC MFSYFEFKNV TKVIYMRHGA
101 RTPKKKIKNI WPFKEGKGD L TFLGFQQSIK VGEYLRKYYY TFNKLNKKYN
151 KRERGLRINN KEKGYIKKNK CDVKKCKTLY KNKYNNNNNN NNNHYVINEK
201 YNGSNKNDYV KNNTYDNKGY SYLYDLSTSF NELENRRKRL HKFPYLRDFI
251 YYEKYFLKIN KRSNKHQRKV FIKIKRRRRN NILKIWIHQH LINKMKKIKN
301 KNMNNYNKCY IKFSSIRKRG YHKMENIECN NKNNDDDDND DNNHNNNDND
351 NNNNNDDNNN DDNNNDNNNN NDDNNNNND DDNNYYYYNY NNDETPFNNK
401 SFNYADMLKY TKYYYKNILK DKKNYITNNK KKELFFPLME HLYMYKKKL
451 INKMKEKNIK KKKKKYDKII KLINKYLCIK TTNSERCKLT AYGIICGILG
501 ISEYIYFFFF ILFFKSNDYK TNDNNIDTYT KRKEKKKCLN KRSCCFQNW
551 LNRDITSGQY NCIDKNTAPV KNYIIGENLC GENGCGKNGC GDILRGDILC
=====
601 GDILRGDNNS IPLFRSNRIF CKQSKITFCD ELYIYFNKIL KRLQSLDDMY
=====
651 KINHEVKMFG NDKDVLNNSY KKC YDKNDYG SYPSYNKYSN DYKSHYVIKK
701 MKNVKSVCQS NESIILKERQ ENEKKKKKKK KMENTFINN NNI.MYNINVF
751 FDLIINERGN FQFFYNNIK KQKNEKGLE EWNVYNIFQL YMKYILNEFS
801 KFFKLKFLN KNVENIDNTF NSITNIYNKY YINMVVHRKD CFEKKQIHSK
851 EHMMKKIHLR DKFIEYEKEN EIIDNCNNIN MDNKKKEINN NYNNMIDNNN
901 IEIDMSNNFI FTYYYIFYLL NYMDTYIQFL FYLKNYIIL FSVVKVAERN
951 SLMLKTLKTK NHYIKKLRNH IHNSDVYKI LNNYKDEIF IVYDITKWE
1001 NCMNTTDILY NDVKKNTKID DLENIDIPII TNDKEEYHVN NSIISVLKKH
1051 NSSVYKLKKK LKNSIILKDL KKLNCNFINK NYIHNTNYDK HNKIYQDKIK
1101 NWTYHPFHNK KKNVKIIFK ISAYDAYIYH GVNLLNLFNR AYEKLSQHPP
1151 SSIDLIKKEY GQNNYIINCE IKKYEEQNNF IIKRPNINIS GKNLSCHNKT
1201 NSSNTLQOND PEANILEADE RRLKRNKNI QNRKVVQNGM TINNSKKYR
1251 NNQTEYYEKK EKKKKYDQKN DQTNEQKCAQ KNDQTNEQKN DQTDNDQNDQ
1301 TNDQTKIRF YKNIYTCYKL MCKNEYSNKY LSWLCSGMSL
1351 IDVVINFIIN VELYEKYNKE NKTTKCFIPR IILYLTHQSS ILSFQSCVGI
1401 RKKDMKIPPF ASFISLELIH IKKKKIKNLS NKLCNVSNNE KSYCYSNKYN
1451 IMKGEKKKHA SSRSVHVNT DRTDVLFSFIY HNNTANIFCC KDDCVWKVRE
1501 TENEKKFEK RKNKKFMNEE NENVIKDDEK NIYNILKRN NENIDKKKSI
1551 NINTCIYNDI PTNVNNKKYE SYLPKCLNKI HDFKNLFYLL CYKNNNIQDL
1601 IQLYDICLNN NYTHIKKNMQ LKEGKKHGKR NFYGYFVKFT FNNSVPLKLL



09/674436

1651 KNKLIKKNYM GNKKDKCEDN NYHNDKNNYS DNIFYDNHDT NNNNNNNNNN
1701 NNNSNNNNNN NICLKNNKNN IMHEDINANK RESLKKKKKK KKKNCIQKNN
1751 NICERKKSNI HNNSSKYIFN TVRFFKMKDI AKINTNKKCD ENSISCINNM
1801 REKRNIKKNL NRNILNFNNS NNDKYMNYIY NSTNVTYGKN YKRINKKDVH
1851 INNILLHTYK QHKKKKSTII SSDNNNNNNN NAEDDISSRK LKFKDIKGNT
1901 KQKYINDHNN INSYDNNINN GLINEHKNVL HNECKNKNQ IIGYSIKYDK
1951 NVVSENSCSD VITSLKDKKI KKRKKKLQKK NYENENIVCL DCLISYLKKM
2001 LRIYGNPEIL

HITS AT: 592-596, 602-606

REFERENCE 1: 135:1093

REFERENCE 2: 132:330627

REFERENCE 3: 132:147372

L8 ANSWER 4 OF 4 REGISTRY COPYRIGHT 2002 ACS

RN **212846-19-0** REGISTRY

CN Leukemia inhibitory factor (Mustela vison gene LIF) (9CI) (CA INDEX
NAME)

OTHER NAMES:

CN GenBank AF048827-derived protein GI 2959710

CI MAN

SQL 202

SEQ 1 MKVLAAGVVP LLLVLHWKHG AGTPLPITPV NATCATRHPC HSNLMNQIRN
51 QLAHVNGSAN ALFILYYTAQ GEPFPNNLDK LCGPNVTDFP PFHRNGTEKT
101 RLVELYRIIA YLGASLGnit RDQKVLNPNA LSLHSLKAT ADILRGLLSN
=====

151 VLCRLCNKYH VAHVDVAYGP DTSGKDVQK KKLGCQLLGK YKQVIAVVAQ
201 AF

HITS AT: 142-146

REFERENCE 1: 129:229492

FILE 'HOME' ENTERED AT 11:04:12 ON 23 JAN 2002



RESULT 7
US-09-674-436-1
Sequence 34921, Application 62/08/1066-01
GENERAL INFORMATION:
APPLICANT: William, Kelly S.
APPLICANT: Shuter, Steven J.
APPLICANT: Wiegand, Robert C.
TITLE OF INVENTION: Hysterical pants trousers and hoses attached
FILE REFERENCE: 68-1015449B
CURRENT FILING DATE: 2000-07-10
PRIOR FILING DATE: 2000-07-10
PRIOR FILING DATE: 2000-07-10
NUMBER OF SEQ ID NO: 10625
SEQ ID NO: 10654
TYPE: 061
ORGANISM: Homo sapiens
US-09-674-436-1-061

Query Match 100.00% Score 25.1 Length 92
Post Local Similarity 100.00% Prod. No. 436-1
Matches 52 Conserved 120 of 10625

Q7 1 11161 5
L6 57 01161 61

RESULT 8
US-09-674-436-1
Sequence 34921, Application 62/08/1066-01
GENERAL INFORMATION:
APPLICANT: Hyster, Inc.
TITLE OF INVENTION: Hysterical pants trousers and hoses
FILE REFERENCE: 21-272-087
CURRENT FILING DATE: 2000-07-10
PRIOR FILING DATE: 2000-07-10
PRIOR FILING DATE: 2000-07-10
PRIOR FILING DATE: 2000-07-10
PRIOR FILING DATE: 2000-07-10
NUMBER OF SEQ ID NO: 68736
SEQ ID NO: 34921
LENGTH 92
TYPE: 061
ORGANISM: Homo sapiens
US-09-674-436-1-061

Query Match 100.00% Score 25.1 Length 92
Post Local Similarity 100.00% Prod. No. 436-1
Matches 52 Conserved 120 of 10625

Q7 1 11161 5
L6 57 01161 61

RESULT 9
US-09-674-436-1
Sequence 34921, Application 62/08/1066-01
GENERAL INFORMATION:
APPLICANT: Hyster, Inc.
TITLE OF INVENTION: Hysterical pants trousers and hoses
FILE REFERENCE: 21-272-087
CURRENT FILING DATE: 2000-07-10
PRIOR FILING DATE: 2000-07-10
PRIOR FILING DATE: 2000-07-10
PRIOR FILING DATE: 2000-07-10
NUMBER OF SEQ ID NO: 68736
SEQ ID NO: 34921
LENGTH 92
TYPE: 061
ORGANISM: Homo sapiens
US-09-674-436-1-061

NUMBER OF SEQUENCES 2
US-09-674-436-1
SEQUENCE 34921, Application 62/08/1066-01
GENERAL INFORMATION:
APPLICANT: Hyster, Inc.
TITLE OF INVENTION: Hysterical pants trousers and hoses
FILE REFERENCE: 21-272-087
CURRENT FILING DATE: 2000-07-10
PRIOR FILING DATE: 2000-07-10
PRIOR FILING DATE: 2000-07-10
PRIOR FILING DATE: 2000-07-10
NUMBER OF SEQ ID NO: 68736
SEQ ID NO: 34921
LENGTH 92
TYPE: 061
ORGANISM: Homo sapiens
US-09-674-436-1-061

Query Match 100.00% Score 25.1 Length 92
Post Local Similarity 100.00% Prod. No. 436-1
Matches 52 Conserved 120 of 10625

RESULT 10
US-09-674-436-1
Sequence 34921, Application 62/08/1066-01
GENERAL INFORMATION:
APPLICANT: Hyster, Inc.
TITLE OF INVENTION: Hysterical pants trousers and hoses
FILE REFERENCE: 21-272-087
CURRENT FILING DATE: 2000-07-10
PRIOR FILING DATE: 2000-07-10
PRIOR FILING DATE: 2000-07-10
PRIOR FILING DATE: 2000-07-10
NUMBER OF SEQ ID NO: 68736
SEQ ID NO: 34921
LENGTH 92
TYPE: 061
ORGANISM: Homo sapiens
US-09-674-436-1-061

Wed Jan 23 07:27:23 2002

us-09-674-436-1.rapm

Page 6

$$(\mathbf{A}^{\dagger})_{\alpha\beta} = \frac{1}{2}(\mathbf{A} + \mathbf{A}^T)_{\alpha\beta} = \frac{1}{2}(\mathbf{A} + \mathbf{A}^T)_{\beta\alpha} = \mathbf{A}_{\beta\alpha} = \mathbf{A}_{\alpha\beta}^T$$
[illegible]

Mathematical Foundations of Quantum Mechanics

$$\text{Jacobian}^T \mathbf{z}_i = \begin{bmatrix} \mathbf{z}_i^T \mathbf{z}_i & \mathbf{z}_i^T \mathbf{z}_j \\ \mathbf{z}_j^T \mathbf{z}_i & \mathbf{z}_j^T \mathbf{z}_j \end{bmatrix} = \begin{bmatrix} 1 & 0 \\ 0 & 1 \end{bmatrix} \quad \text{if } i = j$$
[illegible]

1. The first group of people who are not in the labor force are those who are not in the labor force for any reason. This group is the largest and is made up of people who are not in the labor force for any reason. This group is the largest and is made up of people who are not in the labor force for any reason.

Period: 25

Stijnke, L. L. M.

Section 1.16: Hilbert's Nullstellensatz

[illegible]

1. The first part of the paper is devoted to the study of the properties of the function $f(x)$ defined by the equation

[illegible]

Maximum job seq level: 0
 Max job seq level: 2000000000

[illegible]

MAXIMUM	MAXIMUM
MATCHING	MATCHING

\mathcal{F}_1 \mathcal{F}_2 \mathcal{F}_3 \mathcal{F}_4 \mathcal{F}_5 \mathcal{F}_6 \mathcal{F}_7 \mathcal{F}_8 \mathcal{F}_9 \mathcal{F}_{10} \mathcal{F}_{11} \mathcal{F}_{12} \mathcal{F}_{13} \mathcal{F}_{14} \mathcal{F}_{15} \mathcal{F}_{16} \mathcal{F}_{17} \mathcal{F}_{18} \mathcal{F}_{19} \mathcal{F}_{20} \mathcal{F}_{21} \mathcal{F}_{22} \mathcal{F}_{23} \mathcal{F}_{24} \mathcal{F}_{25} \mathcal{F}_{26} \mathcal{F}_{27} \mathcal{F}_{28} \mathcal{F}_{29} \mathcal{F}_{30} \mathcal{F}_{31} \mathcal{F}_{32} \mathcal{F}_{33} \mathcal{F}_{34} \mathcal{F}_{35} \mathcal{F}_{36} \mathcal{F}_{37} \mathcal{F}_{38} \mathcal{F}_{39} \mathcal{F}_{40} \mathcal{F}_{41} \mathcal{F}_{42} \mathcal{F}_{43} \mathcal{F}_{44} \mathcal{F}_{45} \mathcal{F}_{46} \mathcal{F}_{47} \mathcal{F}_{48} \mathcal{F}_{49} \mathcal{F}_{50} \mathcal{F}_{51} \mathcal{F}_{52} \mathcal{F}_{53} \mathcal{F}_{54} \mathcal{F}_{55} \mathcal{F}_{56} \mathcal{F}_{57} \mathcal{F}_{58} \mathcal{F}_{59} \mathcal{F}_{60} \mathcal{F}_{61} \mathcal{F}_{62} \mathcal{F}_{63} \mathcal{F}_{64} \mathcal{F}_{65} \mathcal{F}_{66} \mathcal{F}_{67} \mathcal{F}_{68} \mathcal{F}_{69} \mathcal{F}_{70} \mathcal{F}_{71} \mathcal{F}_{72} \mathcal{F}_{73} \mathcal{F}_{74} \mathcal{F}_{75} \mathcal{F}_{76} \mathcal{F}_{77} \mathcal{F}_{78} \mathcal{F}_{79} \mathcal{F}_{80} \mathcal{F}_{81} \mathcal{F}_{82} \mathcal{F}_{83} \mathcal{F}_{84} \mathcal{F}_{85} \mathcal{F}_{86} \mathcal{F}_{87} \mathcal{F}_{88} \mathcal{F}_{89} \mathcal{F}_{90} \mathcal{F}_{91} \mathcal{F}_{92} \mathcal{F}_{93} \mathcal{F}_{94} \mathcal{F}_{95} \mathcal{F}_{96} \mathcal{F}_{97} \mathcal{F}_{98} \mathcal{F}_{99} \mathcal{F}_{100}

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Database : Periodic_Table_S-AA-New.*
1 : 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100 101 102 103 104 105 106 107 108 109 110 111 112 113 114 115 116 117 118 119 120 121 122 123 124 125 126 127 128 129 130 131 132 133 134 135 136 137 138 139 140 141 142 143 144 145 146 147 148 149 150 151 152 153 154 155 156 157 158 159 160 161 162 163 164 165 166 167 168 169 170 171 172 173 174 175 176 177 178 179 180 181 182 183 184 185 186 187 188 189 190 191 192 193 194 195 196 197 198 199 200 201 202 203 204 205 206 207 208 209 210 211 212 213 214 215 216 217 218 219 220 221 222 223 224 225 226 227 228 229 230 231 232 233 234 235 236 237 238 239 240 241 242 243 244 245 246 247 248 249 250 251 252 253 254 255 256 257 258 259 260 261 262 263 264 265 266 267 268 269 270 271 272 273 274 275 276 277 278 279 280 281 282 283 284 285 286 287 288 289 290 291 292 293 294 295 296 297 298 299 300 301 302 303 304 305 306 307 308 309 310 311 312 313 314 315 316 317 318 319 320 321 322 323 324 325 326 327 328 329 330 331 332 333 334 335 336 337 338 339 340 341 342 343 344 345 346 347 348 349 350 351 352 353 354 355 356 357 358 359 360 361 362 363 364 365 366 367 368 369 370 371 372 373 374 375 376 377 378 379 380 381 382 383 384 385 386 387 388 389 390 391 392 393 394 395 396 397 398 399 400 401 402 403 404 405 406 407 408 409 410 411 412 413 414 415 416 417 418 419 420 421 422 423 424 425 426 427 428 429 430 431 432 433 434 435 436 437 438 439 440 441 442 443 444 445 446 447 448 449 450 451 452 453 454 455 456 457 458 459 460 461 462 463 464 465 466 467 468 469 470 471 472 473 474 475 476 477 478 479 480 481 482 483 484 485 486 487 488 489 490 491 492 493 494 495 496 497 498 499 500 501 502 503 504 505 506 507 508 509 510 511 512 513 514 515 516 517 518 519 520 521 522 523 524 525 526 527 528 529 530 531 532 533 534 535 536 537 538 539 540 541 542 543 544 545 546 547 548 549 550 551 552 553 554 555 556 557 558 559 560 561 562 563 564 565 566 567 568 569 570 571 572 573 574 575 576 577 578 579 580 581 582 583 584 585 586 587 588 589 590 591 592 593 594 595 596 597 598 599 600 601 602 603 604 605 606 607 608 609 610 611 612 613 614 615 616 617 618 619 620 621 622 623 624 625 626 627 628 629 630 631 632 633 634 635 636 637 638 639 640 641 642 643 644 645 646 647 648 649 650 651 652 653 654 655 656 657 658 659 660 661 662 663 664 665 666 667 668 669 670 671 672 673 674 675 676 677 678 679 680 681 682 683 684 685 686 687 688 689 690 691 692 693 694 695 696 697 698 699 700 701 702 703 704 705 706 707 708 709 710 711 712 713 714 715 716 717 718 719 720 721 722 723 724 725 726 727 728 729 730 731 732 733 734 735 736 737 738 739 740 741 742 743 744 745 746 747 748 749 750 751 752 753 754 755 756 757 758 759 760 761 762 763 764 765 766 767 768 769 770 771 772 773 774 775 776 777 778 779 780 781 782 783 784 785 786 787 788 789 790 791 792 793 794 795 796 797 798 799 800 801 802 803 804 805 806 807 808 809 810 811 812 813 814 815 816 817 818 819 820 821 822 823 824 825 826 827 828 829 830 831 832 833 834 835 836 837 838 839 840 841 842 843 844 845 846 847 848 849 850 851 852 853 854 855 856 857 858 859 860 861 862 863 864 865 866 867 868 869 870 871 872 873 874 875 876 877 878 879 880 881 882 883 884 885 886 887 888 889 890 891 892 893 894 895 896 897 898 899 900 901 902 903 904 905 906 907 908 909 910 911 912 913 914 915 916 917 918 919 920 921 922 923 924 925 926 927 928 929 930 931 932 933 934 935 936 937 938 939 940 941 942 943 944 945 946 947 948 949 950 951 952 953 954 955 956 957 958 959 960 961 962 963 964 965 966 967 968 969 970 971 972 973 974 975 976 977 978 979 980 981 982 983 984 985 986 987 988 989 990 991 992 993 994 995 996 997 998 999 1000 1001 1002 1003 1004 1005 1006 1007 1008 1009 1010 1011 1012 1013 1014 1015 1016 1017 1018 1019 1020 1021 1022 1023 1024 1025 1026 1027 1028 1029 1030 1031 1032 1033 1034 1035 1036 1037 10
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2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100

[illegible]

Year	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042	2043	2044	2045	2046	2047	2048	2049	2050	2051	2052	2053	2054	2055	2056	2057	2058	2059	2060	2061	2062	2063	2064	2065	2066	2067	2068	2069	2070	2071	2072	2073	2074	2075	2076	2077	2078	2079	2080	2081	2082	2083	2084	2085	2086	2087	2088	2089	2090	2091	2092	2093	2094	2095	2096	2097	2098	2099	2100
1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042	2043	2044	2045	2046	2047	2048	2049	2050	2051	2052	2053	2054	2055	2056	2057	2058	2059	2060	2061	2062	2063	2064	2065	2066	2067	2068	2069	2070	2071	2072	2073	2074	2075	2076	2077	2078	2079	2080	2081	2082	2083	2084	2085	2086	2087	2088	2089	2090	2091	2092	2093	2094	2095	2096	2097	2098	2099	2100	

7. *Conclusions*—The results of this study suggest that the use of a single, low-dose, short-acting benzodiazepine, such as lorazepam, may be a safe and effective method of sedation for the treatment of acute agitation in the emergency department. The use of a single, low-dose, short-acting benzodiazepine may be a safe and effective method of sedation for the treatment of acute agitation in the emergency department. The use of a single, low-dose, short-acting benzodiazepine may be a safe and effective method of sedation for the treatment of acute agitation in the emergency department.

Prod. M) is the number of residues produced by glucose to form a score greater than or equal to the score of the result being printed.

and is derived by analysts of the total score. This is both

$$\frac{f_{\mathcal{F}}}{f_{\mathcal{F}_0}} = \frac{f_{\mathcal{F}_0}}{f_{\mathcal{F}_0}} = 1$$

Result

No. 5000 March Length 11.5 1907 1910

1	25	100.0	61	5	MS-09-708-4, 7-9	Sequitur 4/9/77, A
2	25	100.0	61	5	MS-09-708-1, 2, 3	Sequitur 10/7/77, A

[illegible]

4	100.0	0.5-0.9-8.66	4	100.0	0.5-0.9-8.66
5	100.0	0.5-0.9-8.66	5	100.0	0.5-0.9-8.66
25	100.0	0.5-0.9-8.66	25	100.0	0.5-0.9-8.66
75	100.0	0.5-0.9-8.66	75	100.0	0.5-0.9-8.66

[illegible][illegible]

10	25	100.0	415	5	HS-30-4000	70	3	1	Square 4, App. 1
11	05	100.0	475	5	HS-30-4000	70	3	1	Square 4, App. 1

[illegible]

14	100.0	0.5-0.9-700	4.7	Yes	Soquel (1971) (1973), Ap
25	100.0	0.5-0.9-700	4.7	Yes	Soquel (1971) (1973), Ap
14	100.0	0.5-0.9-700	4.7	Yes	Soquel (1971) (1973), Ap

[illegible]

Run	Time	Temperature	Pressure	Flow rate	Concentration	Yield	Quality
17	25	100.0	6.26	5	0.8	0.7	0.7
18	25	100.0	6.26	5	0.8	0.7	0.7
19	25	100.0	6.26	5	0.8	0.7	0.7
20	25	100.0	6.26	5	0.8	0.7	0.7
21	25	100.0	6.26	5	0.8	0.7	0.7
22	25	100.0	6.26	5	0.8	0.7	0.7
23	25	100.0	6.26	5	0.8	0.7	0.7
24	25	100.0	6.26	5	0.8	0.7	0.7
25	25	100.0	6.26	5	0.8	0.7	0.7
26	25	100.0	6.26	5	0.8	0.7	0.7
27	25	100.0	6.26	5	0.8	0.7	0.7
28	25	100.0	6.26	5	0.8	0.7	0.7
29	25	100.0	6.26	5	0.8	0.7	0.7
30	25	100.0	6.26	5	0.8	0.7	0.7
31	25	100.0	6.26	5	0.8	0.7	0.7
32	25	100.0	6.26	5	0.8	0.7	0.7
33	25	100.0	6.26	5	0.8	0.7	0.7
34	25	100.0	6.26	5	0.8	0.7	0.7
35	25	100.0	6.26	5	0.8	0.7	0.7
36	25	100.0	6.26	5	0.8	0.7	0.7
37	25	100.0	6.26	5	0.8	0.7	0.7
38	25	100.0	6.26	5	0.8	0.7	0.7
39	25	100.0	6.26	5	0.8	0.7	0.7
40	25	100.0	6.26	5	0.8	0.7	0.7
41	25	100.0	6.26	5	0.8	0.7	0.7
42	25	100.0	6.26	5	0.8	0.7	0.7
43	25	100.0	6.26	5	0.8	0.7	0.7
44	25	100.0	6.26	5	0.8	0.7	0.7
45	25	100.0	6.26	5	0.8	0.7	0.7
46	25	100.0	6.26	5	0.8	0.7	0.7
47	25	100.0	6.26	5	0.8	0.7	0.7
48	25	100.0	6.26	5	0.8	0.7	0.7
49	25	100.0	6.26	5	0.8	0.7	0.7
50	25	100.0	6.26	5	0.8	0.7	0.7
51	25	100.0	6.26	5	0.8	0.7	0.7
52	25	100.0	6.26	5	0.8	0.7	0.7
53	25	100.0	6.26	5	0.8	0.7	0.7
54	25	100.0	6.26	5	0.8	0.7	0.7
55	25	100.0	6.26	5	0.8	0.7	0.7
56	25	100.0	6.26	5	0.8	0.7	0.7
57	25	100.0	6.26	5	0.8	0.7	0.7
58	25	100.0	6.26	5	0.8	0.7	0.7
59	25	100.0	6.26	5	0.8	0.7	0.7
60	25	100.0	6.26	5	0.8	0.7	0.7
61	25	100.0	6.26	5	0.8	0.7	0.7
62	25	100.0	6.26	5	0.8	0.7	0.7
63	25	100.0	6.26	5	0.8	0.7	0.7
64	25	100.0	6.26	5	0.8	0.7	0.7
65	25	100.0	6.26	5	0.8	0.7	0.7
66	25	100.0	6.26	5	0.8	0.7	0.7
67	25	100.0	6.26	5	0.8	0.7	0.7
68	25	100.0	6.26				

Year	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042	2043	2044	2045	2046	2047	2048	2049	2050	2051	2052	2053	2054	2055	2056	2057	2058	2059	2060	2061	2062	2063	2064	2065	2066	2067	2068	2069	2070	2071	2072	2073	2074	2075	2076	2077	2078	2079	2080	2081	2082	2083	2084	2085	2086	2087	2088	2089	2090	2091	2092	2093	2094	2095	2096	2097	2098	2099	2100
1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042	2043	2044	2045	2046	2047	2048	2049	2050	2051	2052	2053	2054	2055	2056	2057	2058	2059	2060	2061	2062	2063	2064	2065	2066	2067	2068	2069	2070	2071	2072	2073	2074	2075	2076	2077	2078	2079	2080	2081	2082	2083	2084	2085	2086	2087	2088	2089	2090	2091	2092	2093	2094	2095	2096	2097	2098	2099	2100	

21	4	$115^{\circ} 10' 9.706''$	$4^{\circ} 2' 1.44''$	S. 10.000°	64.270 ± 0.001
24	5	$115^{\circ} 09' 7.084''$	$4^{\circ} 2' 1.44''$	S. 10.000°	64.270 ± 0.001
20	5	$115^{\circ} 09' 7.084''$	$4^{\circ} 2' 1.44''$	S. 10.000°	64.270 ± 0.001
24	5	$115^{\circ} 09' 7.084''$	$4^{\circ} 2' 1.44''$	S. 10.000°	64.270 ± 0.001

22	96.0	183	5	US-09-708	4.7 ^a	Sequentec 46345, A
24	96.0	184	5	US-09-708	4.7 ^b	Sequentec 46345, A

24	190	5	$(\bar{0}^2, \bar{0}^2, \bar{0}^2, \bar{0}^2)$	$4^2 \times 4^2$	4^2	$\bar{0}^2 \times \bar{0}^2 \times \bar{0}^2 \times \bar{0}^2$	$\bar{0}^2$
25	191	5	$(\bar{0}^2, \bar{0}^2, \bar{0}^2, \bar{0}^2)$	$4^2 \times 4^2$	4^2	$\bar{0}^2 \times \bar{0}^2 \times \bar{0}^2 \times \bar{0}^2$	$\bar{0}^2$
24	192	5	$(\bar{0}^2, \bar{0}^2, \bar{0}^2, \bar{0}^2)$	$4^2 \times 4^2$	4^2	$\bar{0}^2 \times \bar{0}^2 \times \bar{0}^2 \times \bar{0}^2$	$\bar{0}^2$

26	5	$US^*(0)g, f, m, d, \tau^2, \sigma^2, \mu$	$SO^*(10) \times U(1)^2 \times U(1) \times U(1)$
24	193	$US^*(0)g, f, m, d, \tau^2, \sigma^2, \mu$	$SO^*(10) \times U(1)^2 \times U(1) \times U(1)$
26	5	$US^*(0)g, f, m, d, \tau^2, \sigma^2, \mu$	$SO^*(10) \times U(1)^2 \times U(1) \times U(1)$

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NAME/KEY: miss location
 LOCATION: 100.08
 OTHER INFORMATION: Scores: 100.08
 US-09-708 427-26642

Query Match: 100.08 Score: 255
 Post Local Similarity: 100.08
 Matches: 52 Conservative of Mismatches

US 100.08
 US 100.08
 US 100.08

RESULT 7
 US-09-708 427-26642
 Sequence: 5745, Application: US/090427
 GENERAL INFORMATION:
 APPLICANT: Goldan, Barry S.
 APPLICANT: Hinkle, Gregory J.
 APPLICANT: Hinkle, Joseph E.
 APPLICANT: Krasinski, Richard L.
 APPLICANT: Malvar, Thomas M.
 APPLICANT: Slater, Steven G.
 APPLICANT: Spillman, Samuel
 TITLE OF INVENTION: Xeno-biobus sp. genome sequences and virus libraries
 FILE REFERENCE: 38-21(51847)B
 CURRENT AFFIDAVIT NUMBER: 100-06-29
 CURRENT FILING DATE: 2001-06-29
 PRIOR APPLICATION NUMBER: 09-674-436-1
 PRIOR FILING DATE: 2000-06-29
 NUMBER OF SEQ ID NOS: 409
 SEQ ID NO: 1745
 TYPE: PRT
 LENGTH: 476
 ORGANISM: Xeno-biobus sp.
 US-09-674-436-4745

Query Match: 100.08 Score: 255
 Post Local Similarity: 100.08
 Matches: 52 Conservative of Mismatches

US 100.08
 US 100.08
 US 100.08

RESULT 8
 US-09-708 427-26642
 Sequence: 56642, Application: US/090427
 GENERAL INFORMATION:
 APPLICANT: N. Anthony V. et al.
 TITLE OF INVENTION: SEQUENCE ANALYSIS OF THE HUMAN AND CHIMPANzee GENOMES
 FILE REFERENCE: 2750-1244P
 CURRENT AFFIDAVIT NUMBER: 100-06-29
 CURRENT FILING DATE: 2001-06-29
 NUMBER OF SEQ ID NOS: 6361
 SOFTWARE: GenEdit 2.0.1
 SEQ ID NO: 56642
 TYPE: PRT
 LENGTH: 405
 ORGANISM: Zoo mops subsp. mops.
 FEATURES:
 NAME/KEY: miss location
 LOCATION: 100.08
 OTHER INFORMATION: Scores: 100.08
 US-09-708 427-26642

US-09-708 427-26642

Query Match: 100.08 Score: 255
 Post Local Similarity: 100.08
 Matches: 52 Conservative of Mismatches

US 100.08
 US 100.08
 US 100.08

RESULT 9
 US-09-708 427-26642
 Sequence: 76642, Application: US/090427
 GENERAL INFORMATION:
 APPLICANT: N. Alexander et al.
 TITLE OF INVENTION: SHOOTER IDENTIFICATION
 FILE REFERENCE: 2750-1244P
 CURRENT AFFIDAVIT NUMBER: 100-06-29
 CURRENT FILING DATE: 2001-06-29
 NUMBER OF SEQ ID NOS: 409
 SOFTWARE: GenEdit 2.0.1
 SEQ ID NO: 76642
 TYPE: PRT
 ORGANISM: Zoo mops subsp. mops.
 FEATURES:
 NAME/KEY: miss location
 LOCATION: 100.08
 OTHER INFORMATION: Scores: 100.08
 US-09-708 427-26642

Query Match: 100.08 Score: 255
 Post Local Similarity: 100.08
 Matches: 52 Conservative of Mismatches

US 100.08
 US 100.08
 US 100.08

RESULT 10
 US-09-708 427-26642
 Sequence: 1, Application: US/090427
 GENERAL INFORMATION:
 APPLICANT: N. Alexander et al.
 TITLE OF INVENTION: SHOOTER IDENTIFICATION
 FILE REFERENCE: 2750-1244P
 CURRENT AFFIDAVIT NUMBER: 100-06-29
 CURRENT FILING DATE: 2001-06-29
 NUMBER OF SEQ ID NOS: 409
 SOFTWARE: GenEdit 2.0.1
 SEQ ID NO: 1
 TYPE: PRT
 ORGANISM: Zoo mops subsp. mops.
 FEATURES:
 NAME/KEY: miss location
 LOCATION: 100.08
 OTHER INFORMATION: Scores: 100.08
 US-09-708 427-26642


```

FILE REFERENCES: 250 1243P
CURRENT ATTENTION NUMBER: 05/07/2004.427
CURRENT FILING DATE: 2000-11-09
NUMBER OF SEQ ID NOS: 85364
SOFTWARE: later to version 3.1
SEQ ID NO: 9445
LENGTH: 550
TYPE: P61
ORGANISM: Arabidopsis thaliana
FEATURE:
NAME/KEY: misc_feature
LOCATION: 1..550
OTHER INFORMATION: Xaa is any amino acid
NAME/KEY: misc_feature
LOCATION: 1..550
OTHER INFORMATION: Xaa is any amino acid
US-09-708-427 9445

```

```

Query Match: 100.0% Score: 250 1243P
Best Local Similarity: 100.0% Prod. No. 1243P
Matches: 5 Conservative of Mismatch 0.0 of 0.0

```

Q1 1 01001 5

1111
287 01001 231

```

*RESULT 15
US-09-708-427-58841
: Sequence 58841: Application US/09708427
: GENERAL INFORMATION:
: APPLICANT: N. ALEXANDROV et al.
: TITLE OF INVENTION: SEQUENCING OF THE DNA
: TITLE OF INVENTION: THE DNA
: FILE REFERENCE: 2750-1243P
: CURRENT ATTENTION NUMBER: 05/07/2004.427
: CURRENT FILING DATE: 2000-11-09
: NUMBER OF SEQ ID NOS: 85364
: SOFTWARE: later to version 3.1
: SEQ ID NO: 9445
: LENGTH: 550
: TYPE: P61
: ORGANISM: Arabidopsis thaliana
: FEATURE:
: NAME/KEY: misc_feature
: LOCATION: 1..550
: OTHER INFORMATION: Xaa is any amino acid
: NAME/KEY: misc_feature
: LOCATION: 1..550
: OTHER INFORMATION: Xaa is any amino acid
US-09-708-427-58841

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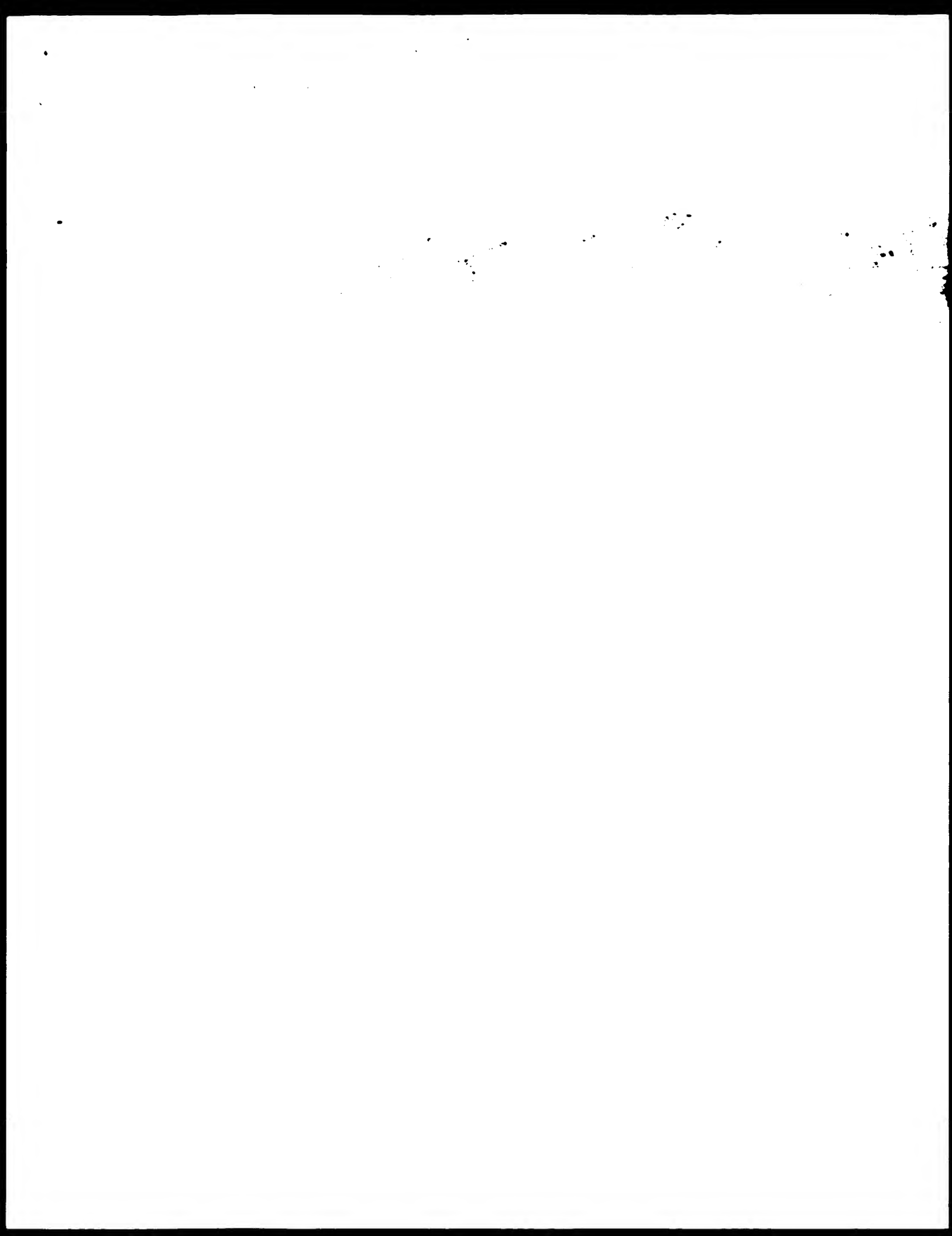
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Query Match: 100.0% Score: 250 1243P
Best Local Similarity: 100.0% Prod. No. 1243P
Matches: 5 Conservative of Mismatch 0.0 of 0.0

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Q2 1 01001 5
1111
176 01001 180

Search completed: January 22, 2002, 14:25:44
Job Time: 183 sec



Database: 1
 Available (s) 1998 2000 2001 2002

vm protein protein search, using sw model

Run on: January 22, 2002, 15:16:00, source: /usr/local/ncbi/seq/seq

2002-01-22 15:16:00

11:00
 Perfect score: 25
 Sequence: 101,000

Search: 101,000

Search: 101,000

Minimum number of hits satisfying chosen criteria

Minimum DB seq length: 10

Maximum DB seq length: 100,000

Post-processing: Minimum Match: 10

Database: 1

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Prod. No. is the number of results produced by choice to have a
 score above that of choice 1 to the score of choice 1 (choice 1 is
 and is derived by analysis of the total score distribution.

SUMMARY

Result No.	Score	Match	Length	DB	ID	Accession
1	25	100.0	5	21	AAV67476	AAV67476
2	25	100.0	4	22	AAV67477	AAV67477
3	25	100.0	4	23	AAV67478	AAV67478
4	25	100.0	4	24	AAV67479	AAV67479
5	25	100.0	4	25	AAV67480	AAV67480
6	25	100.0	4	26	AAV67481	AAV67481
7	25	100.0	4	27	AAV67482	AAV67482
8	25	100.0	4	28	AAV67483	AAV67483
9	25	100.0	4	29	AAV67484	AAV67484
10	25	100.0	4	30	AAV67485	AAV67485
11	25	100.0	4	31	AAV67486	AAV67486

1	25	100.0	5	21	AAV67476	AAV67476
2	25	100.0	4	22	AAV67477	AAV67477
3	25	100.0	4	23	AAV67478	AAV67478
4	25	100.0	4	24	AAV67479	AAV67479
5	25	100.0	4	25	AAV67480	AAV67480
6	25	100.0	4	26	AAV67481	AAV67481
7	25	100.0	4	27	AAV67482	AAV67482
8	25	100.0	4	28	AAV67483	AAV67483
9	25	100.0	4	29	AAV67484	AAV67484
10	25	100.0	4	30	AAV67485	AAV67485
11	25	100.0	4	31	AAV67486	AAV67486

us-09-674-436-1.rag

[illegible]

18 04 AUG 1999 9908-0147302.
 18 05 AUG 1999 9908-0147392.
 18 05 AUG 1999 9908-0147260.
 18 06 AUG 1999 9908-0147408.
 18 06 AUG 1999 9908-0147419.
 18 09 AUG 1999 9908-0147443.
 18 09 AUG 1999 9908-0147964.
 18 10 AUG 1999 9908-014871.
 18 10 AUG 1999 9908-0148419.
 18 12 AUG 1999 9908-0148441.
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 18 20 AUG 1999 9908-0149729.
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 18 25 AUG 1999 9908-0149930.
 18 25 AUG 1999 9908-0150566.
 18 26 AUG 1999 9908-0150884.
 18 27 AUG 1999 9908-0151065.
 18 27 AUG 1999 9908-0151066.
 18 27 AUG 1999 9908-0151080.
 18 40 AUG 1999 9908-0151303.
 18 41 AUG 1999 9908-0151438.
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 18 07 SEP 1999 9908-0152463.
 18 10 SEP 1999 9908-0152870.
 18 13 SEP 1999 9908-0153758.
 18 15 SEP 1999 9908-0154018.
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18 04 AUG 1999 9908-0147302.
 18 05 AUG 1999 9908-0147392.
 18 05 AUG 1999 9908-0147260.
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 18 28 OCT 1999 9908-0161920.
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 18 28 OCT 1999 9908-0161991.
 18 29 OCT 1999 9908-0162142.

1990

1. IDENTIFICATION
 a. NAME - [REDACTED]
 b. DATE OF BIRTH - [REDACTED]
 c. PLACE OF BIRTH - [REDACTED]
 d. EDUCATION - [REDACTED]
 e. RELIGION - [REDACTED]
 f. ETHNICITY - [REDACTED]
 g. SEX - [REDACTED]
 h. HAIR COLOR - [REDACTED]
 i. SKIN COLOR - [REDACTED]
 j. HEIGHT - [REDACTED]
 k. WEIGHT - [REDACTED]
 l. SCARS/SCARS - [REDACTED]
 m. TOOTH - [REDACTED]
 n. GLASSES - [REDACTED]
 o. OTHER - [REDACTED]

2. PHYSICAL DESCRIPTION
 a. HAIR - [REDACTED]
 b. SKIN - [REDACTED]
 c. HEIGHT - [REDACTED]
 d. WEIGHT - [REDACTED]
 e. SCARS/SCARS - [REDACTED]
 f. TOOTH - [REDACTED]
 g. GLASSES - [REDACTED]
 h. OTHER - [REDACTED]

3. PERSONAL HISTORY
 a. EDUCATION - [REDACTED]
 b. EMPLOYMENT - [REDACTED]
 c. RESIDENCE - [REDACTED]
 d. TRAVEL - [REDACTED]
 e. RELIGION - [REDACTED]
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4. ADDITIONAL INFORMATION
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9. REMARKS
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22. OTHER
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23. REMARKS
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 b. OTHER - [REDACTED]

24. OTHER
 a. REMARKS - [REDACTED]
 b. OTHER - [REDACTED]

25. REMARKS
 a. REMARKS - [REDACTED]
 b. OTHER - [REDACTED]

26. OTHER
 a. REMARKS - [REDACTED]
 b. OTHER - [REDACTED]

27. REMARKS
 a. REMARKS - [REDACTED]
 b. OTHER - [REDACTED]

28. OTHER
 a. REMARKS - [REDACTED]
 b. OTHER - [REDACTED]

29. REMARKS
 a. REMARKS - [REDACTED]
 b. OTHER - [REDACTED]

30. OTHER
 a. REMARKS - [REDACTED]
 b. OTHER - [REDACTED]

31. REMARKS
 a. REMARKS - [REDACTED]
 b. OTHER - [REDACTED]

32. OTHER
 a. REMARKS - [REDACTED]
 b. OTHER - [REDACTED]

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 a. REMARKS - [REDACTED]
 b. OTHER - [REDACTED]

34. OTHER
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35. REMARKS
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 b. OTHER - [REDACTED]

36. OTHER
 a. REMARKS - [REDACTED]
 b. OTHER - [REDACTED]

37. REMARKS
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 b. OTHER - [REDACTED]

38. OTHER
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39. REMARKS
 a. REMARKS - [REDACTED]
 b. OTHER - [REDACTED]

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41. REMARKS
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42. OTHER
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 b. OTHER - [REDACTED]

45. REMARKS
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 b. OTHER - [REDACTED]

46. OTHER
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 b. OTHER - [REDACTED]

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 a. REMARKS - [REDACTED]
 b. OTHER - [REDACTED]

48. OTHER
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49. REMARKS
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50. OTHER
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 b. OTHER - [REDACTED]

51. REMARKS
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 b. OTHER - [REDACTED]

52. OTHER
 a. REMARKS - [REDACTED]
 b. OTHER - [REDACTED]

53. REMARKS
 a. REMARKS - [REDACTED]
 b. OTHER - [REDACTED]

54. OTHER

Page 3

APPLICANT: TACON, INC.; ADDRESS: 10000 N. 19th Ave., Suite 100, Aurora, CO 80011; TEL: 303/751-1100; FAX: 303/751-1101; E-MAIL: TACON@TACON.COM

```
NUMBER = 0; NUMBER = 1;
NUMBER = 2; NUMBER = 3; }
NUMBER = 4; NUMBER = 5;
NUMBER = 6; NUMBER = 7;
NUMBER = 8; NUMBER = 9;
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$$\begin{aligned} \mathbb{Z}[G] &= \mathbb{Z}[Z, Z^{-1}] \\ &= \mathbb{Z}[N, N^{-1}] \\ &= \mathbb{Z}[G, G^{-1}] \end{aligned}$$
[illegible][illegible][illegible][illegible]
$$T = \begin{pmatrix} 1 & 0 \\ 0 & 1 \\ \vdots & \vdots \\ 0 & 1 \end{pmatrix}, \quad R = \begin{pmatrix} 1 & 0 \\ 0 & 1 \\ \vdots & \vdots \\ 0 & 1 \end{pmatrix}$$
[illegible][illegible][illegible]

CURRENT APPLICATION DATA
1 APPLICATION NUMBER: 17/00047200
2 INFORMATION FOR SEQ ID NO: 1
3 SEQUENCE CHARACTERISTICS
4 LENGTH: 102
5 TYPE: amino acid
6 TOP LOGIC: 110000
7 PRT US941287819

Query Match: 100% Score: 100.00
Post Local Similarity: 100.00, Prod. No. 1
Matches: 12, Unmatched: 0, Mismatch: 0

1 101101 5
10 121 01100 125

RESULT 12

18 08 149 101A 15
1 Sequence ID: APT11010100 US/01141 15
2 Patent No. 617124

GENERAL INFORMATION:

1 APPLICANT: Tottori, Osamu, J.
2 APPLICANT: Tottori, Osamu, J.
3 APPLICANT: Tottori, Osamu, J.
4 TITLE OF INVENTION: INHIBITED EYE KININ
5 NUMBER OF SEQUENCES: 20
6 CORRESPONDENCE ADDRESS:
7 ADDRESS: 200 Elliott Avenue West, Suite 600
8 CITY: Seattle
9 STATE: Washington
10 COUNTRY: U.S.A.

11 ZITE: 08119
12 COMPUTER RELEVANCE FORM:
13 MEDIA TYPE: 4.50 disk, 1.44MB, dated 01/01/01
14 COMPUTER: AST 186, compatible
15 OPERATING SYSTEM: MS DOS Version 6
16 SOFTWARE: Word for Windows
17 CURRENT APPLICATION DATA:
18 APPLICATION NO: 08/097002, 009
19 FILING DATE: 27-01-1994
20 ATTORNEY/AGENT: 18-01101 15

21 NAME: Tottori, Osamu, J. and Tottori, Osamu, J.
22 REGISTRATION NUMBER: 42,590 and 60,110, 01/01/01
23 REFERENCE/SEQ ID NO: 01/01/01
24 TELEPHONE: (206) 282-7100
25 TELEFAX: (206) 282-7100
26 INFORMATION PUBLISHED TO: 101
27 SEQUENCE CHARACTERISTICS:
28 LENGTH: 102
29 TYPE: amino acid
30 MOLECULE TYPE: Peptide
31 HYDROPHILIC: 100
32 ANTI-SENSE: 00
33 FRAGMENT: 01/01/01
34 ORIGINAL SOURCE:
35 ORGANISM: Homo Sapiens
36 US 08-149-101A 15

Query Match: 100% Score: 100.00
Post Local Similarity: 100.00, Prod. No. 1
Matches: 12, Unmatched: 0, Mismatch: 0

CURRENT APPLICATION DATA
1 APPLICATION NUMBER: 17/00047200
2 INFORMATION FOR SEQ ID NO: 1
3 SEQUENCE CHARACTERISTICS
4 LENGTH: 102
5 TYPE: amino acid
6 TOP LOGIC: 110000
7 PRT US941287819

Query Match: 100% Score: 100.00
Post Local Similarity: 100.00, Prod. No. 1
Matches: 12, Unmatched: 0, Mismatch: 0

1 101101 5
10 121 01100 125

18 08 149 101A 15
1 Sequence ID: APT11010100 US/01141 15
2 Patent No. 617124

1 APPLICANT: Tottori, Osamu, J.
2 APPLICANT: Tottori, Osamu, J.
3 APPLICANT: Tottori, Osamu, J.
4 TITLE OF INVENTION: INHIBITED EYE KININ
5 NUMBER OF SEQUENCES: 20
6 CORRESPONDENCE ADDRESS:
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11 ZITE: 08119
12 COMPUTER RELEVANCE FORM:
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17 CURRENT APPLICATION DATA:
18 APPLICATION NO: 08/097002, 009
19 FILING DATE: 27-01-1994
20 ATTORNEY/AGENT: 18-01101 15

21 NAME: Tottori, Osamu, J. and Tottori, Osamu, J.
22 REGISTRATION NUMBER: 42,590 and 60,110, 01/01/01
23 REFERENCE/SEQ ID NO: 01/01/01
24 TELEPHONE: (206) 282-7100
25 TELEFAX: (206) 282-7100
26 INFORMATION PUBLISHED TO: 101
27 SEQUENCE CHARACTERISTICS:
28 LENGTH: 102
29 TYPE: amino acid
30 MOLECULE TYPE: Peptide
31 HYDROPHILIC: 100
32 ANTI-SENSE: 00
33 FRAGMENT: 01/01/01
34 ORIGINAL SOURCE:
35 ORGANISM: Homo Sapiens
36 US 08-149-101A 15

Query Match: 100% Score: 100.00
Post Local Similarity: 100.00, Prod. No. 1
Matches: 12, Unmatched: 0, Mismatch: 0

Wed Jan 23 07:27:22 2002

us-09-674-436-1.rai

Page 7

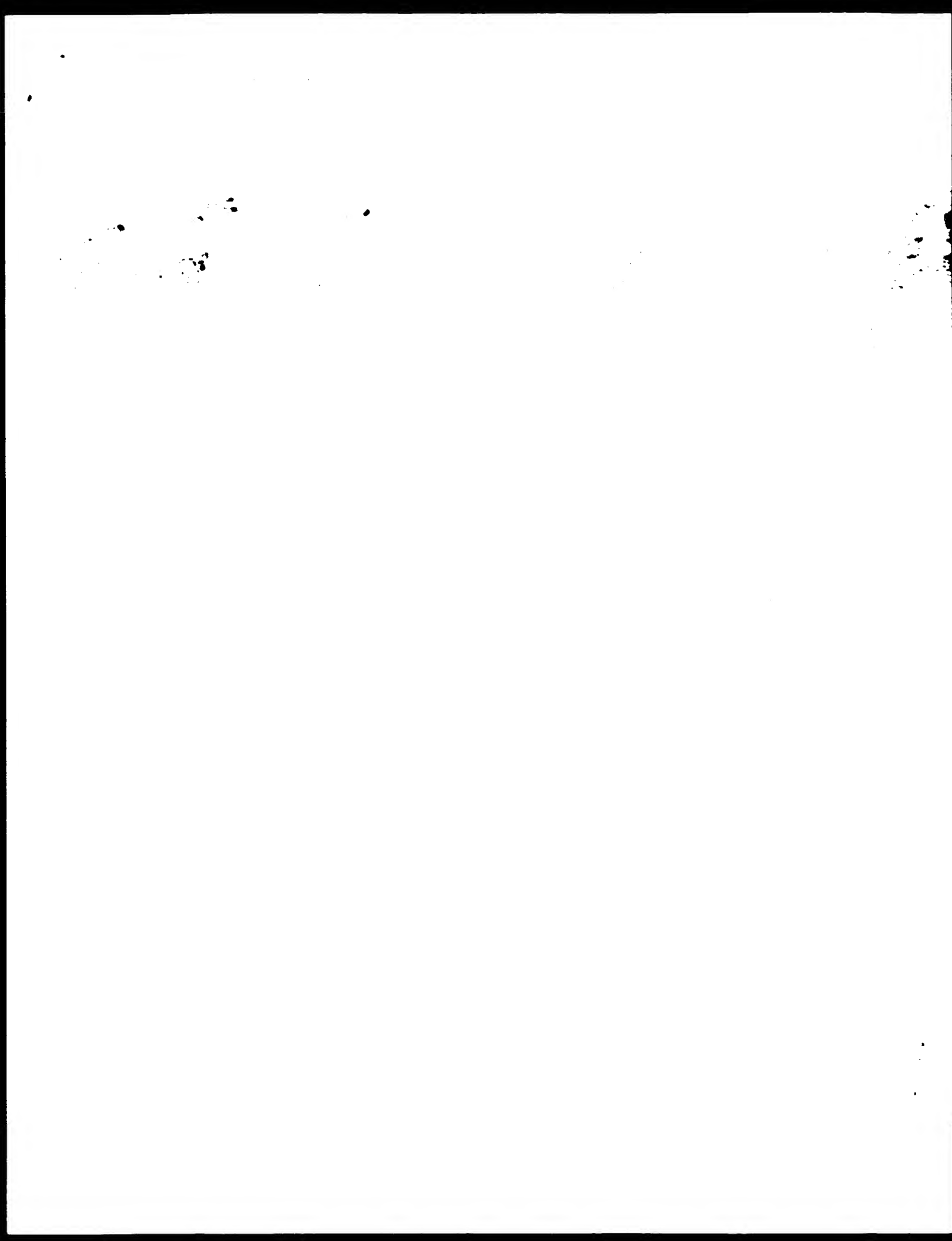


Figure 1 is a schematic representation of the experimental design. It shows a flow from 'Study 1' to 'Study 2'. Study 1 involves 'Pretest' and 'Main Study'. Study 2 involves 'Pretest' and 'Main Study'. The 'Main Study' in Study 2 is further divided into 'Control' and 'Intervention' groups. The 'Intervention' group is further divided into 'Intervention 1' and 'Intervention 2'.

[illegible][illegible][illegible]

The diagram illustrates the experimental design for two studies. Study 1 includes a Pretest and a Main Study. Study 2 also includes a Pretest and a Main Study. The Main Study in both studies involves Participants and Conditions. The flow is as follows: Study 1 (Pretest, Main Study) leads to Study 2 (Pretest, Main Study). The Main Study in both studies involves Participants and Conditions.

Figure 1. Schematic representation of the experimental design. The subjects were divided into two groups: the control group and the experimental group. The control group was divided into two subgroups: the control group and the control group. The experimental group was divided into two subgroups: the experimental group and the experimental group. The control group was divided into two subgroups: the control group and the control group. The experimental group was divided into two subgroups: the experimental group and the experimental group.

[illegible]

The figure consists of ten black-and-white micrographs arranged in two horizontal rows of five. Each micrograph captures a different stage of embryonic development. The top row shows the initial stages: a small, dark, circular fertilized egg; a two-cell embryo with two distinct nuclei; a four-cell embryo with four distinct nuclei; a morula stage where cells are tightly packed into a sphere; and a gastrula stage showing more complex internal structures. The bottom row continues the progression, showing a later stage of gastrulation, followed by a hatched larva with visible body segments and appendages. Labels are placed around the images to identify each stage.

[illegible]

Country Match	100.0%	Score 20	100.0%
Best Local Simulation	100.0%	Prod. No. 100	100.0%
Matches	0	MissMatches	100.0%

Best Local: **Samiray** 100.0% ■ **Pravil** 99.9%
 Matches by: **Conservative** 0% **Matchless** 100.0%
 of: **Chaps** 0.0%

Matches	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100	

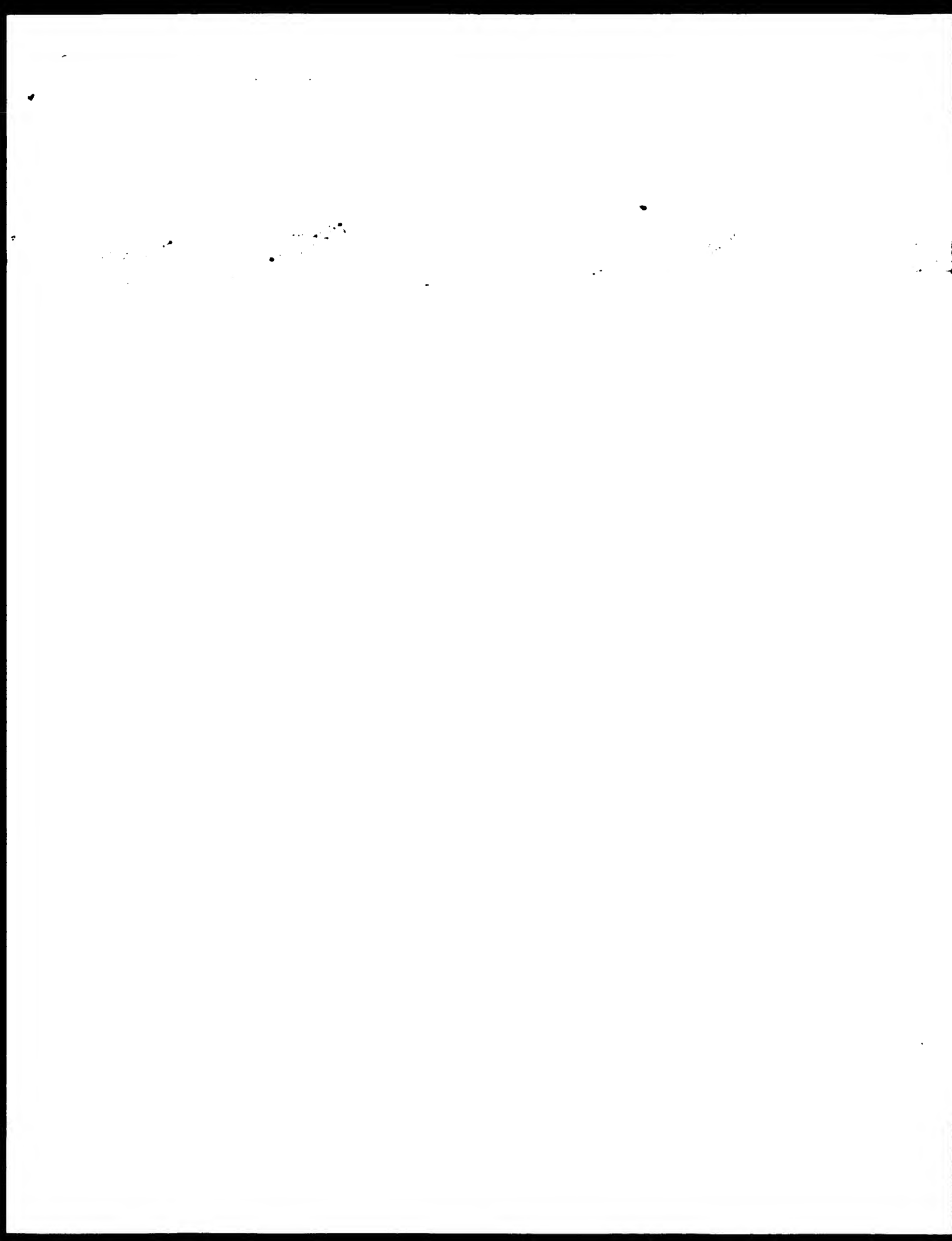
10:1, k: 5

[illegible]

15 KENNEDY

EX 46)

Hyperbolic protein PA400 | **important** | **Protein in aerotaxis (strain PA400)**
C-Species: *Pseudomonas aeruginosa*



Query: 1000 2000 3000 4000 5000 6000 7000 8000 9000 10000

100 protein protein search: us09 sw med

Ref: 001 January 22, 2002 15:23:31 5000 10000 10000 10000 10000 10000 10000 10000 10000 10000

us-09-674-436-1 (us-09-674-436-1) (us-09-674-436-1) (us-09-674-436-1) (us-09-674-436-1) (us-09-674-436-1) (us-09-674-436-1) (us-09-674-436-1) (us-09-674-436-1) (us-09-674-436-1) (us-09-674-436-1)

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RESULTS

Rank	Score	Match	Length	ID	Description
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2	25	100.0	150	CHRC_MOUSE	CHRC_MOUSE
3	25	100.0	150	CHRC_MOUSE	CHRC_MOUSE
4	25	100.0	150	CHRC_MOUSE	CHRC_MOUSE
5	25	100.0	150	CHRC_MOUSE	CHRC_MOUSE
6	25	100.0	150	CHRC_MOUSE	CHRC_MOUSE
7	25	100.0	150	CHRC_MOUSE	CHRC_MOUSE
8	25	100.0	150	CHRC_MOUSE	CHRC_MOUSE
9	25	100.0	150	CHRC_MOUSE	CHRC_MOUSE
10	25	100.0	150	CHRC_MOUSE	CHRC_MOUSE
11	25	100.0	150	CHRC_MOUSE	CHRC_MOUSE
12	25	100.0	150	CHRC_MOUSE	CHRC_MOUSE
13	25	100.0	150	CHRC_MOUSE	CHRC_MOUSE
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21	25	100.0	150	CHRC_MOUSE	CHRC_MOUSE
22	25	100.0	150	CHRC_MOUSE	CHRC_MOUSE
23	25	100.0	150	CHRC_MOUSE	CHRC_MOUSE
24	25	100.0	150	CHRC_MOUSE	CHRC_MOUSE
25	25	100.0	150	CHRC_MOUSE	CHRC_MOUSE
26	25	100.0	150	CHRC_MOUSE	CHRC_MOUSE
27	25	100.0	150	CHRC_MOUSE	CHRC_MOUSE
28	25	100.0	150	CHRC_MOUSE	CHRC_MOUSE
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30	25	100.0	150	CHRC_MOUSE	CHRC_MOUSE
31	25	100.0	150	CHRC_MOUSE	CHRC_MOUSE
32	25	100.0	150	CHRC_MOUSE	CHRC_MOUSE
33	25	100.0	150	CHRC_MOUSE	CHRC_MOUSE

SUMMARY

prod. No. is the number of results produced by choice to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total number of results.

Database: SwissProt_39.7

Post-processing: Minimum Match: 98
Maximum Match: 1000
Listed first 45 summaries

Total number of hits satisfying choice parameters: 10000

Minimum hit score: 98

Maximum hit score: 2000000000

Post-processing: Minimum Match: 98

Maximum Match: 1000

Listed first 45 summaries

Result No.	Score	Match	Length	ID	Description
1	25	100.0	150	CHRC_MOUSE	CHRC_MOUSE
2	25	100.0	150	CHRC_MOUSE	CHRC_MOUSE
3	25	100.0	150	CHRC_MOUSE	CHRC_MOUSE
4	25	100.0	150	CHRC_MOUSE	CHRC_MOUSE
5	25	100.0	150	CHRC_MOUSE	CHRC_MOUSE
6	25	100.0	150	CHRC_MOUSE	CHRC_MOUSE
7	25	100.0	150	CHRC_MOUSE	CHRC_MOUSE
8	25	100.0	150	CHRC_MOUSE	CHRC_MOUSE
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13	25	100.0	150	CHRC_MOUSE	CHRC_MOUSE
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15	25	100.0	150	CHRC_MOUSE	CHRC_MOUSE
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Result No.	Score	Match	Length	ID	Description
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$$\frac{1}{\sqrt{2\pi}} \int_{-\infty}^{\infty} f(x) e^{-\frac{1}{2}x^2} dx = 1$$

11. *Environ. Biol. Fish.* 1997, 48: 171-181.

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LOC: EMBL: NR010241
 KW: Kinasol Translocase, Complete proteome
 SO: SPOBIFR: 172 AA, 19546 MW, 24936.76 pI

Query Match

Host Local Similarity: 100.00% (Prod. No. 2500)
 Matches: 52 Conserved: 00% Mismatches: 00% Indels: 00%

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 BL: 92 111001 96

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LOC: Q906P5 PRELIMINARY: PRL: 183 AA

AC: Q906P5
 DI: 01-001-2000 (Tribute: 15, last sequence added)

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Query Match

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12	1	1	1	1	1	1
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29	1	1	1	1	1	1
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69	1	1	1	1	1	1
70	1	1	1	1	1	1
71	1	1	1	1		

[illegible]